

Figure 1

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10          30          50
TTCCGGGACAGAGGGGAGGATGGGCGCCACCAGCTAGAGTACATCTAGGTGCGTTCCTG
          M A P P P A R V H L G A F L
70          90          110
GCACTGACTCCGAATCCCGGGAGCGGAGCGAGTGGGACAGAGGCAGCCGCGGCCACACCC
A V T P N P G S A A S G T E A A A A T P
130          150          170
ACCTAAGTGTGGGCTTCTTCGGCGGGGAGGATTGAACACAGAGCGGGGCGGAGGAGCG
S K V W G S S A G R I E P R G G G R G A
190          210          230
CTCCCTACCTCCATGGGACACGACGGACCCAGTGGCCCGGGCCCGGGCAGGGCGCGCCCA
L P T S M G Q H G P S A R A R A G R A P
250          270          290
GGATCCAGGCGCGCGGGAGCCAGCCCTCGGCTCCGGGTCCCAAGACCTTCAAGTTT
G P R P A R E A S P R L R V H K T F K F
310          330          350
GTCGTCGTCGGGCTCTGCTGCTGAGGTGCTACCTAGCTCAGCTGCAACCATCAAACCTTCAT
V V V G V L L Q V V P S S A A T I K L H
370          390          410
GATCAATCAATTGGCACAAGCAATGGGAACATAGCCCTTTGGGAGAGTTGTGTCCACCA
D Q S I G T Q Q W E H S P L G E L C P P
430          450          470
GGATCTCATGATCAGAACGTCCTGGAGCCTGTAACCGGTGCACAGAGGGTGTGGGTTAC
G S H R S E R P G A C N R C T E G V G Y
490          510          530
ACCATGCTTCCACCAATTTGTTTGTCTGCTCCCATGTACAGCTTGTAAATCAGATGAA
T N A S N N L F A C L P C T A C K S D E
550          570          590
GAAGAGGAGTCCCTGCACCACGACCAGGAACACAGCATGTCAAGTGCAAACCAGGAAC
E E R S P C T T T R N T A C Q C K P G T
610          630          650
TTCCGGAATGACCAATCTGTGTGAGATGTGCCGGAAGTGCAGCACAGGGTGCCCCAGAGGG
F E N D N S A E M C R K C S T G C P R G
670          690          710
ATGGTCAAGGTCAAGGATTGTACGCCCTGGAGTGACATCGAGTGTGTCCACAAAGAATCA
M V K V K D C T P N S D I E C V H K E S
730          750          770
GGCAATGGACATAATATAAGGTTGATTTTGGTTGTGACTTTGGTTGTTCGGTTGCTGTIG
G N G H N I W V I L V V T L V V P L L L
*****
790          810          830
GTGGCTGTGCTGATTGTCTGTGTGCTTCATCGGCTCAGGTTGTGGAGGGGACCCCCAAGTGC
V A V L I V C C C I G S G C G G D P K C
*****
850          870          890
ATGGACAGGTTGTGTTTCTGGGCTTGGTCTCTACGAGGGGCTGGGGCTGAGGACAAT
M D R C F W R L G L L R G P G A E D N
910          930          950
GCTCACACAGGATTCTGAGCAACGCACTCGCTGTCCACTTTCTGTCTCTGAGCAGCAA
A H N E I L S N A D S L S T F V S E Q Q
970          990          1010
ATGGAAAGGAGGAGCGGGCAATTTGACAGGTGTCACTGTACASTCCCCAGGGGAGGCA
M E S Q E P A D L T G V T V Q S P G E A

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Figure 1 (cont.)

1030 1050 1070
 CAGTGTCTGCTGGGACCGGCAGAAGCTGAAGGGTCTCAGAGGAGGAGGCTGCTGGTTCCA
 Q C L L G P A E A E G S Q R R R L L V P
 1090 1110 1130
 GCAAATGGTGTGACCCCACTGAGACTCTGATGCTGTTCTTTGACAAGTTTGCAAACATC
 A N G A D P T E T L M L F F D K F A N I
 1150 1170 1190
 GTGCCCTTTGACTCCTGGGACCAGCTCATGAGGCAGCTGGACCTCACGAAAAATGAGATC
 V P F D S W D Q L M R Q L D L T K N E I
 1210 1230 1250
 GATGTGGTCAGAGCTGGTACAGCAGGCCAGGGGATGCCTTGTATGCAATGCTGATGAAA
 D V V R A G T A G P G D A L Y A M L M K
 1270 1290 1310
 TGGGTCAACAAACTGGACGGAACGCCTCGATCCACACCCTGCTGGATGCCTTGGAGAGG
 W V N K T G R N A S I H T L L D A L E R
 1330 1350 1370
 ATGGAAGAGAGACATGCAAAAGAGAAGATTTCAGGACCTCTTGGTGGACTCTGGAAAGTTC
 M E E R H A K E K I Q D L L V D S G K F
 1390 1410 1430
 ATCTACTTAGAAGATGGCACAGGCTCTGCCGTGTCCTTGGAGTGAAAGACTCTTTTTTACC
 I Y L E D G T F S A V S L E
 1450 1470 1490
 AGAGGTTTCCTCTTAGGTGTTAGGAGTTAATACATATTAGGTTTTTTTTTTTTTAAACAT
 1510 1530 1550
 GTATACAAAGTAAATTCTTAGCCACGTGTATTGGCTCCTGCCTGTAATCCCATCACTTTG
 1570 1590 1610
 GGAGGCTGACGCCGGTGGATCCACTTGAGGTCCGAAGTTCCAAGACCAGCCCTGAACCAA
 1630 1650 1670
 CATCGTGGAAATGCCCGTCTTTTACAAAAAATACCAAAAATTCAACTGGAATGTGCATG
 1690 1710 1730
 GTGTGTGCCATCATTTCTCGGCTAACTACGGGAGGTCTGAGGCCAGGAGAAATCCACTTG
 1750 1770 1790
 AACCCACGAAGGACAGTGTAGACTGCAGATTGCACCACTGCACTCCCAGCCTGGGAACA
 1810 1830 1850
 CAGAGCAAGACTCTGTCTCAAGATAAAATAAAATAAACTTGAAAGAATTATTGCCCGACT
 1870 1890 1910
 GAGGCTCATATGCCAAAGGAAAATCTGGTTCTCCCCTGAGCTGGCCTCCGTGTGTTTCCT
 1930 1950 1970
 TATCATGGTGGTCAATTGGAGGTGTTAATTTGAATGGATTAAGGAACACCTAGAACACTG
 1990 2010 2030
 GTAAGGCATTATTTCTGGGACATTATTTCTGGGCATGTCTTCGAGGGTGTTCAGAGGG
 2050 2070 2090
 GATTGGCATGCGATCGGGTGGACTGAGTGGAAAAGACCTACCCTTAATTTGGGGGGGCAC
 2110 2130 2150
 CGTCCGACAGACTGGGGAGCAAGATAGAAGAAAACAAAAAAAAAAAAAAAAAAAA

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Figure 2

1 M - - - - - L G - - - - - I W T - h Fas protein
1 MGLSTVPDL L L P L V L L E L L V G I Y P S G V I G L V P H - - - - - h TNFR I Protein
1 H E Q R P R G C A A V A A A L L L V L L G A R A Q G - - - - - DR3 protein
1 M A P P P A R V H L G A F L A V T P N P G S A A S G T E A A A A T P S K V W G S DR4 protein

7 - - - - - L L P L V L T - - - S V - - - A R L - S S K S V N h Fas protein
34 - L G D R E K R D S V C P Q G K Y I H P O N N S I C C T K C H K G T Y L Y N D C h TNFR I Protein
27 - - G T R S P R - C D C A - G D F - H K K I G L F C C R G C P A G H Y L K A P C DR3 protein
41 S A G R I E P R G G G R G A L P T S M G O H G P S - - - - - A R A R A G R A P G DR4 protein

25 A Q V T D I N S K G L E L R K T V T T V E T O N L E G - - - - - L H H h Fas protein
73 P G P G Q D T D C R E C E S G S F T A S E N H L R - H C L S C S K C R K E M G Q h TNFR I Protein
62 T E P C G N S T C L V C P Q D T F L A W E N H H N S E C A R C Q A C D E Q A S Q DR3 protein
76 P R P A R E A S P R L R V H K T E K F V V V G V L L Q V V P S S A A T I K L H D DR4 protein

55 D G - - - - O F C H K P - - - - C P P G E R K A R D C T V N G D E P D C V P C Q h Fas protein
112 V E I S S - - - - - C T V D R D T V C G C - - - - E K N Q Y R H Y W h TNFR I Protein
102 V A L E N - - - - - C S A V A D T R C G C - - - - K P G W F V E C - DR3 protein
116 Q S I G T Q O W E H S P L G E L C P P G S H R S - - - - - E R P G A C N R C T DR4 protein

87 E G K E Y T D K A H F S S K C R R C R L C D E G H G L E V E I N C T R T Q N T K h Fas protein
137 S E N L F Q C - - - - F N C S L C L N - G T V H - - - - L S C Q E K O N T V h TNFR I Protein
126 - - Q V S Q C V S S S P F Y C Q P C L D C G A L H R - H T R L L C S R R D T D C DR3 protein
150 E G V G Y T N A S N N L F A C L P C T A C K S D E - - E E R S P C T T T R N T A DR4 protein

127 C R C K P N F F C N S T V C E H C D P C T K - C E H G I I K - - E C T L T S N T h Fas protein
166 C T C H A G F F L R E - - - N E C V S C S N - C K K S L E C T K L C L P Q I E N h TNFR I Protein
163 G T C L P G F Y E H G - - - D G C V S C P T - S T L G - S C P E R C A A V C G W DR3 protein
188 C Q C K P G T F R N D N S A E M C R K C S T G C P R G M V K V K D C T P W S D I DR4 protein

164 K C - K E E G S R S N L G W L C L - - - - - L L L P I P L I V - - - - - h Fas protein
202 V K G T E D S G T T V L L P L V I F F G L C L L S L L F I G L M - - - - - h TNFR I Protein
198 R O - - - - - M F W V Q V L L A G L V V P L L L G A T L T - - - - - DR3 protein
228 E C V H K E S G N G H N I W V I L V V T L V V P L L L V A V L I V C C C I G S G DR4 protein

189 - - - - - W - - - - - h Fas protein
234 - - - - - Y R Y Q R - - W K S K L Y S I V C G K S T P E K E G E L E G T T T K h TNFR I Protein
222 - - - - - Y T Y R H C - W P H K F L - V T A D E A G M E A L T P P P A T H L S DR3 protein
268 C G G D P K C M D R V C F W R L G L L R G P G A E D N A H N E I L S N A D S L S DR4 protein

190 - - V K R K E V Q K T - - - - - C h Fas protein
266 P L A P N P S F S P T P G F T P T L G F S P V P S S T F T S S S T Y T P G D - C h TNFR I Protein
254 P L D S A H T L L A P P D S S E K I C T V Q L V G N S W T P G Y P E T Q E A L C DR3 protein
308 T F V S E Q Q M E S Q E P A D L T G V T V O S P G - - - - - E A Q C DR4 protein

200 - - - - - R K H R K E N Q G S H E S P T L N P E T V A I N L S - - - - - h Fas protein
305 P N F A A P R R E V A P P Y Q G A D P I L A T A L A S D P I P N P L Q K W E D S h TNFR I Protein
294 P Q V T W S W D Q L - - P S R A L G P A A A P T L S P - - - - - E S P DR3 protein
337 - - - - - L L G P A E A E G S Q R R R L L V P A N G A D P T E - - - - - DR4 protein

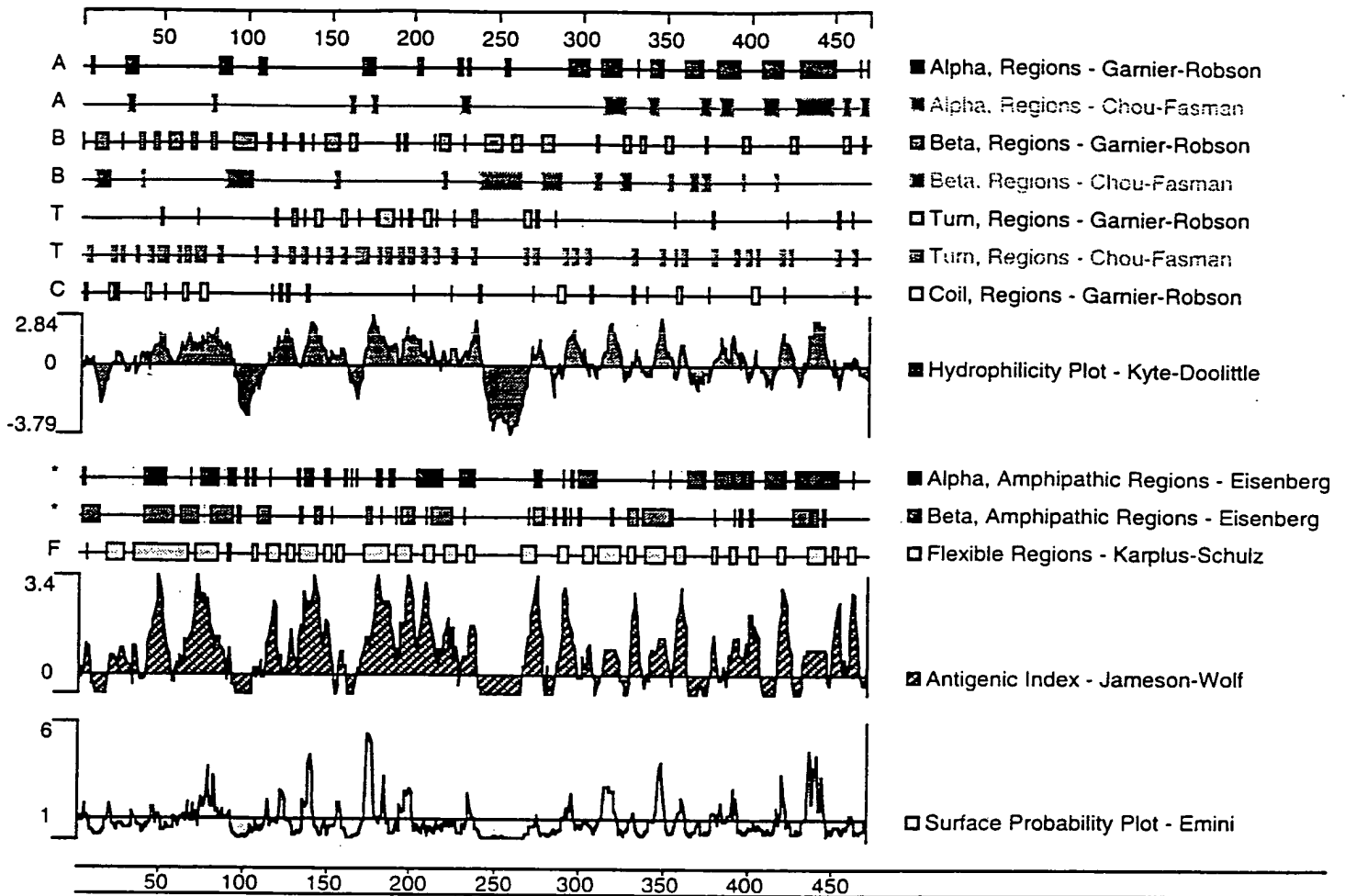
226 - - - - - D V D L S K Y I T T I A G V M T L S Q V K G F V R K N G V N E A h Fas protein
345 A H K P Q S L D T D D P A T L Y A V V E N V P P L - R W K E F V R R L G L S D H h TNFR I Protein
322 A G S P A M M L Q P G P Q - L Y D V M D A U P A R - R W K E F V R T L G L R E A DR3 protein
363 - - - - - T L M L - - F F D K F A N I V P F D S W D Q L M R Q L D L T K N DR4 protein

258 K I D E I K N D N V Q D T A E O K V Q L L R N W H O L H G K K E A - Y D T L I K h Fas protein
384 E I D R L E L Q N G R C L R E A Q Y S M L A T W R R R T P R R E A T L E L L G R h TNFR I Protein
360 E I E A V E V E I G R - F R D Q O Y E M L K R W R O Q Q P - - - A G L G A V Y A DR3 protein
393 E I D V V R A G T A - G P G D A L Y A M L M K W V N K T G R N A S - I H T L L D DR4 protein

297 D L K K A N L C T L A E K I O T I I L K D I T S D S E N S N F R N E I Q S L V h Fas protein
424 V L R D M D L L G C L E D I E E A I - - - - - C G P A A L P P A P S L L R h TNFR I Protein
396 A L E R M G L D G C V E D L - - - - - R S R L Q R G P DR3 protein
431 A L E R M E E R H A K E K I O D L L V D S G K F I Y L E D G T G S A V S L E DR4 protein

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Figure 3



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FIGURE 4

HTOIY07R

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1  GGCANAGGTN  CGTACCTAGC  TCACCTGCAA  CCATCAAACCT  TNATGATCAA
51  TCAATTGGCA  CACAGCAATG  GGAAACATAG  CCCTTTGGAA  GANTTGTNTC
101 CACCAGGATC  TCATAGATCA  AAACATCCTG  GGAGCCTGTT  AACCGGTGCC
151 CCAAAGGNTG  GTCAAGGTCA  AGGAATTGTT  NCGCCCTGGA  AGTGAACATC
201 GAGTGTNTCC  ACAAAGGATT  CAGGCAATGG  GACATAAATA  TATGGGTGAA
251 TTTTGGTTGT  GAACTTTGGT  TGNTCCCGTT  GNTGTTGNTG  GCTGTGCTGA
301 TTGTTTGTG  TTGCATCGGC  TTCAGGTTNT  GGAGGGGGAC  CCAAGTGCAT
351 GGACAGGGTG  TGTTTCTGGG  GTTTGGGTCT  CTTAGAGGGC  NTGGGTTANG
401 GCANGTTCAC  AAGGGTTTTA  GCAANG

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HTXEY80R

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1  TGGGGCTGAG  GACAATGCTG  ACNACGAGAT  TCTGAGCAAC  GCAGNACTNG
51  CTGTCCACTT  TCGTCTNTGN  GCAGCAAATG  GAAAGCCAGG  AGCCGGCAGA
101 TTTGACAGGT  GTCACGTGAC  AGTCCCCAGG  GGAGGCACAG  TGTCTGCTGG
151 TGAGTTGGGG  ACAGGCCCTT  GCAAGACCTT  GTGAGGCAGG  GGGTGAAGGC
201 CATGNCTCGG  CTTCNNTTGG  TCAAAGGGGA  AGTGGAGCCT  GAGGGAGATG
251 GGACTIONAG  GGGACGGNGC  TGCGTGGGGA  AAAAGCAGCC  ACCNTTTGAC
301 AAGGGGGACA  GGCATTTTTN  CAAATGTGTG  CTTNTTGGT

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Figure 5A

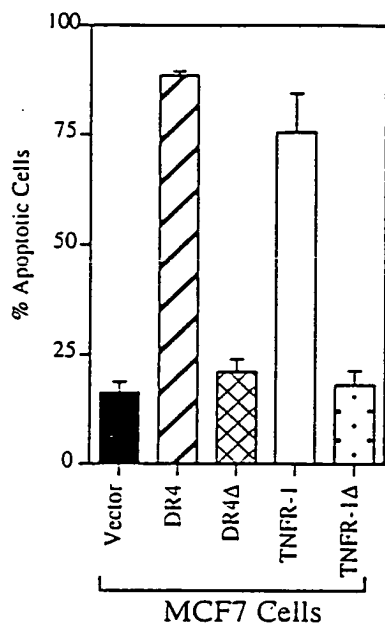


Figure 5B

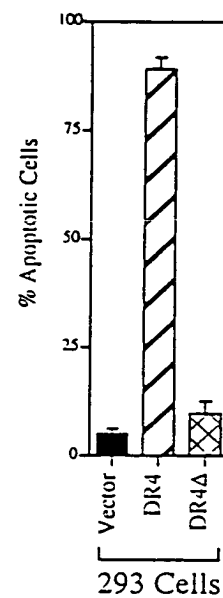


Figure 5C

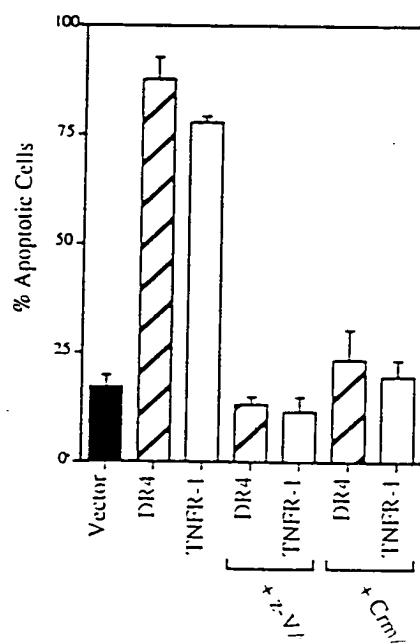


Figure 6A

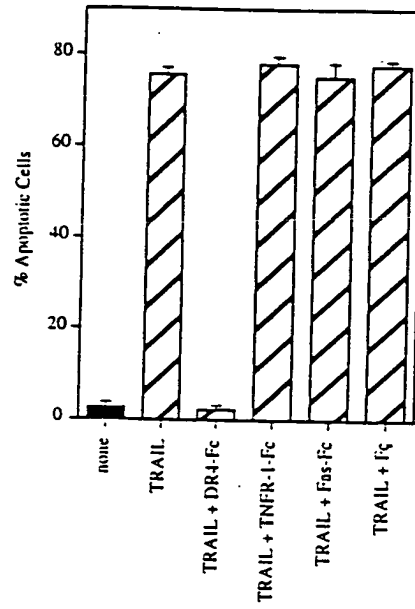


Figure 6B

